



(REPLACEMENT SHEET)

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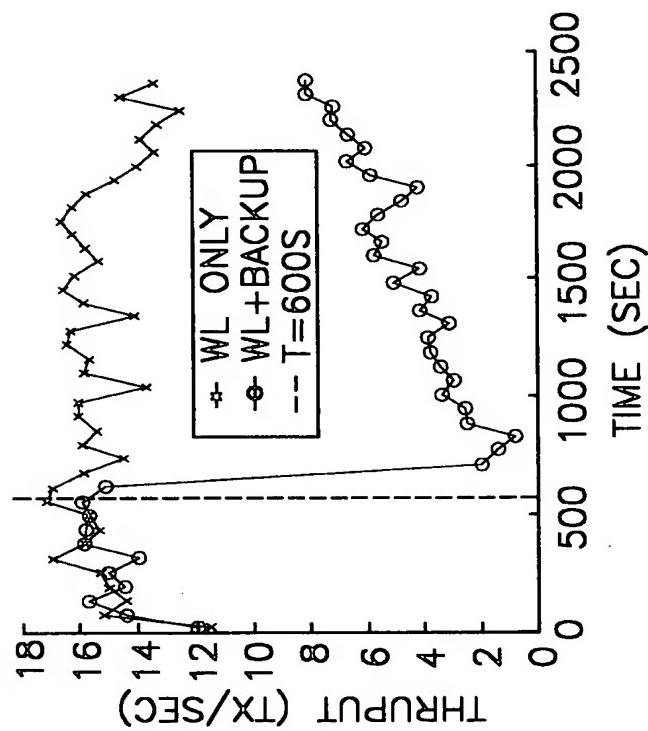
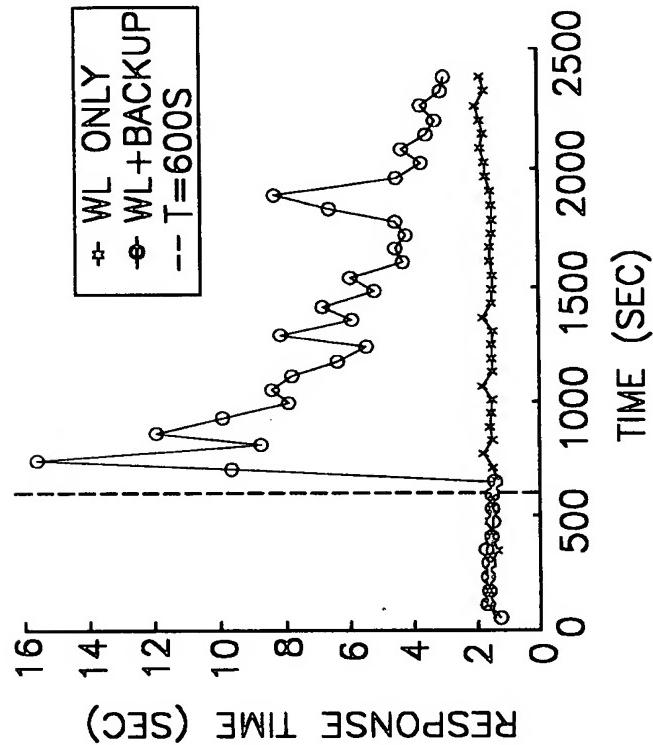


FIG. 1

(REPLACEMENT SHEET)

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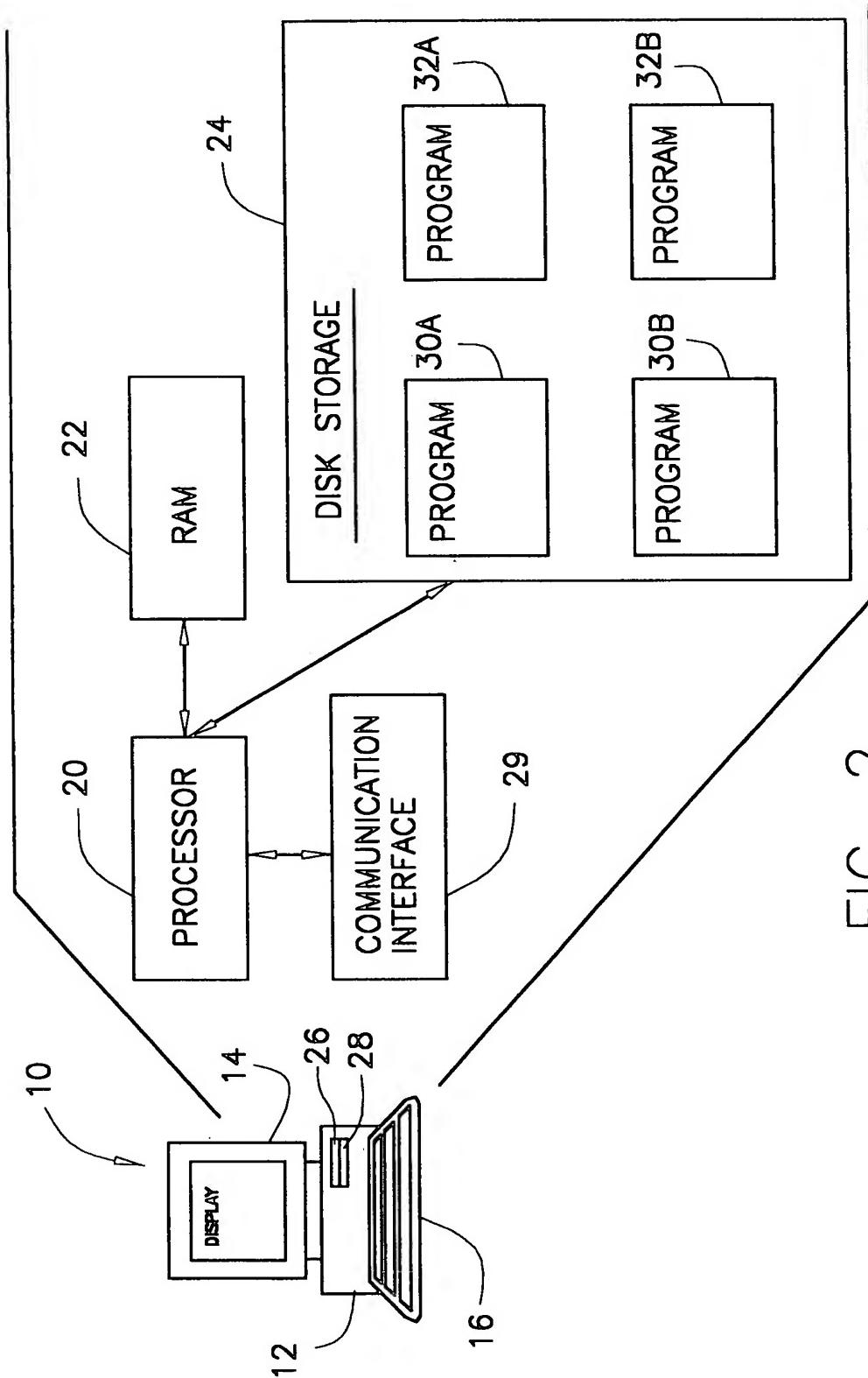


FIG. 2

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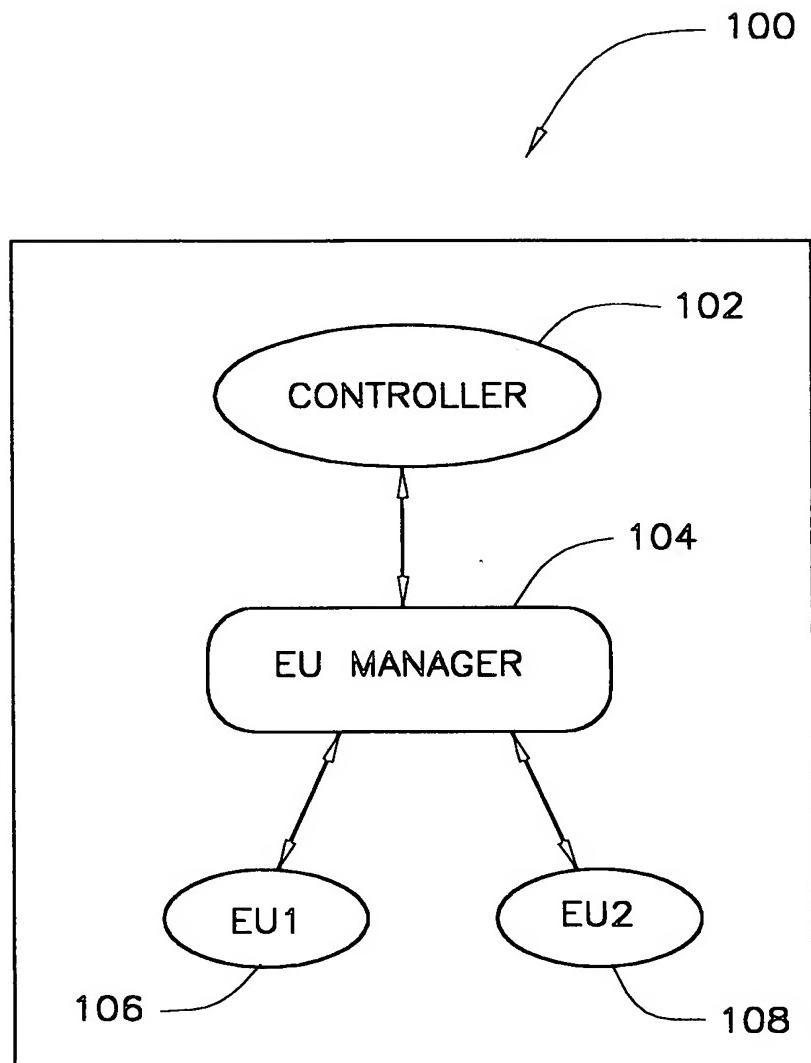


FIG. 3

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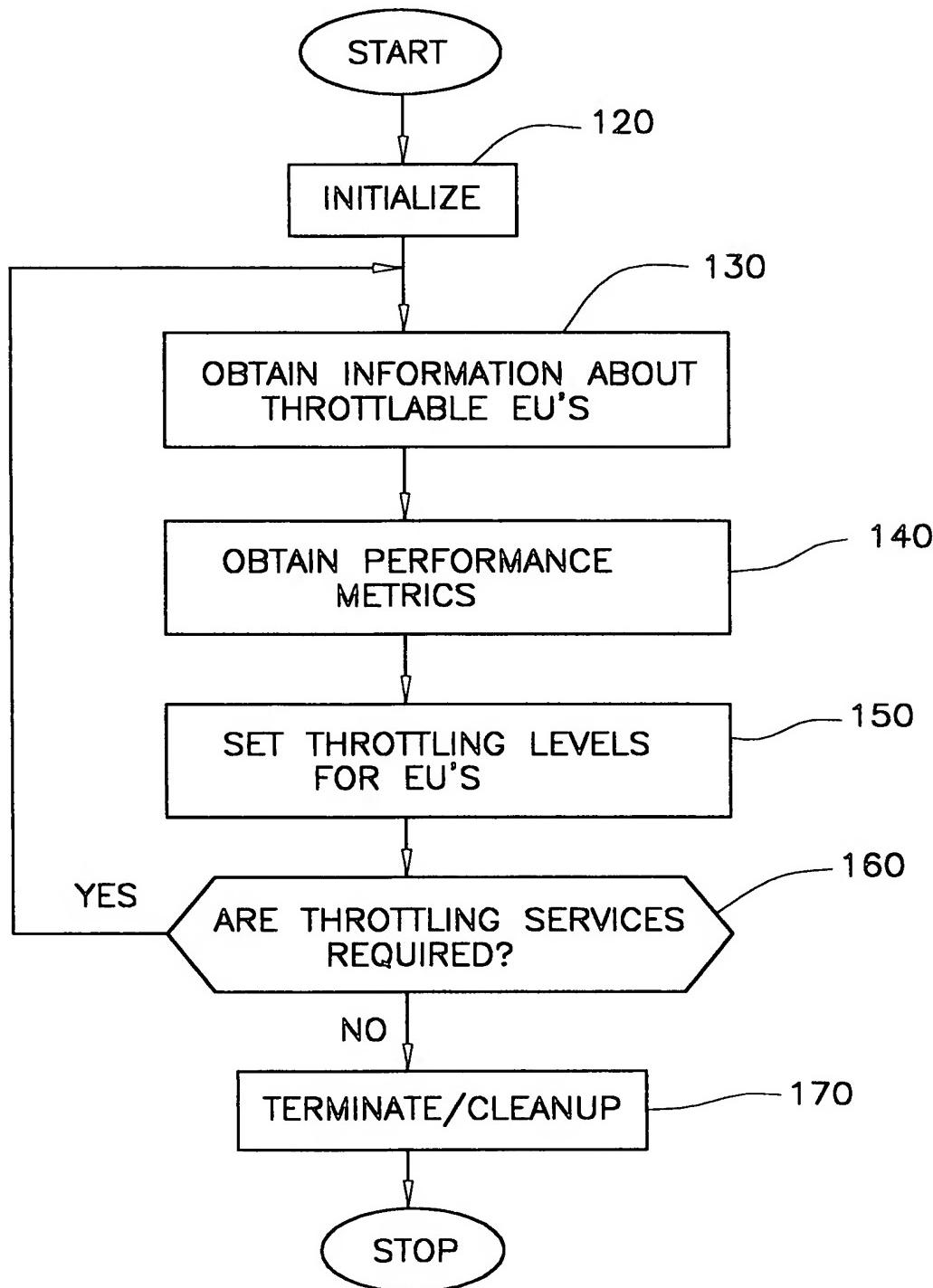


FIG. 4

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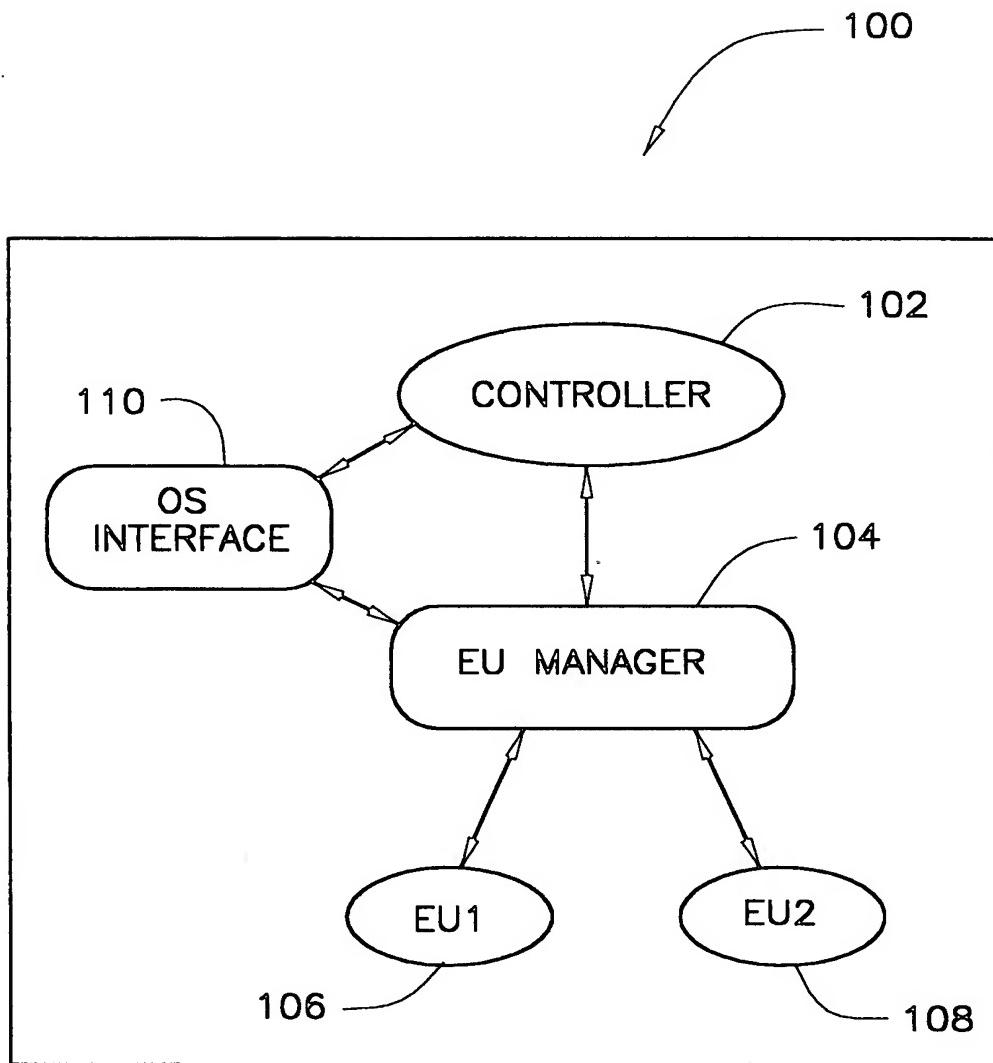


FIG. 5

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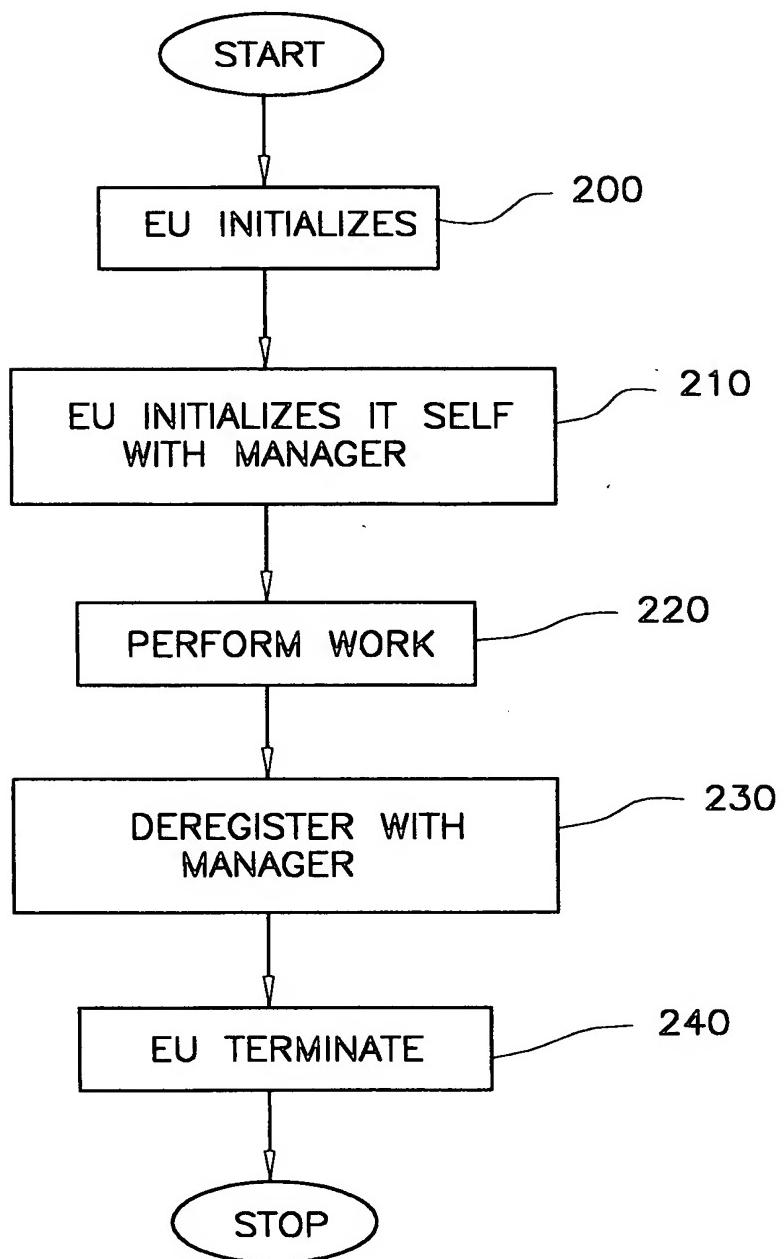


FIG. 6

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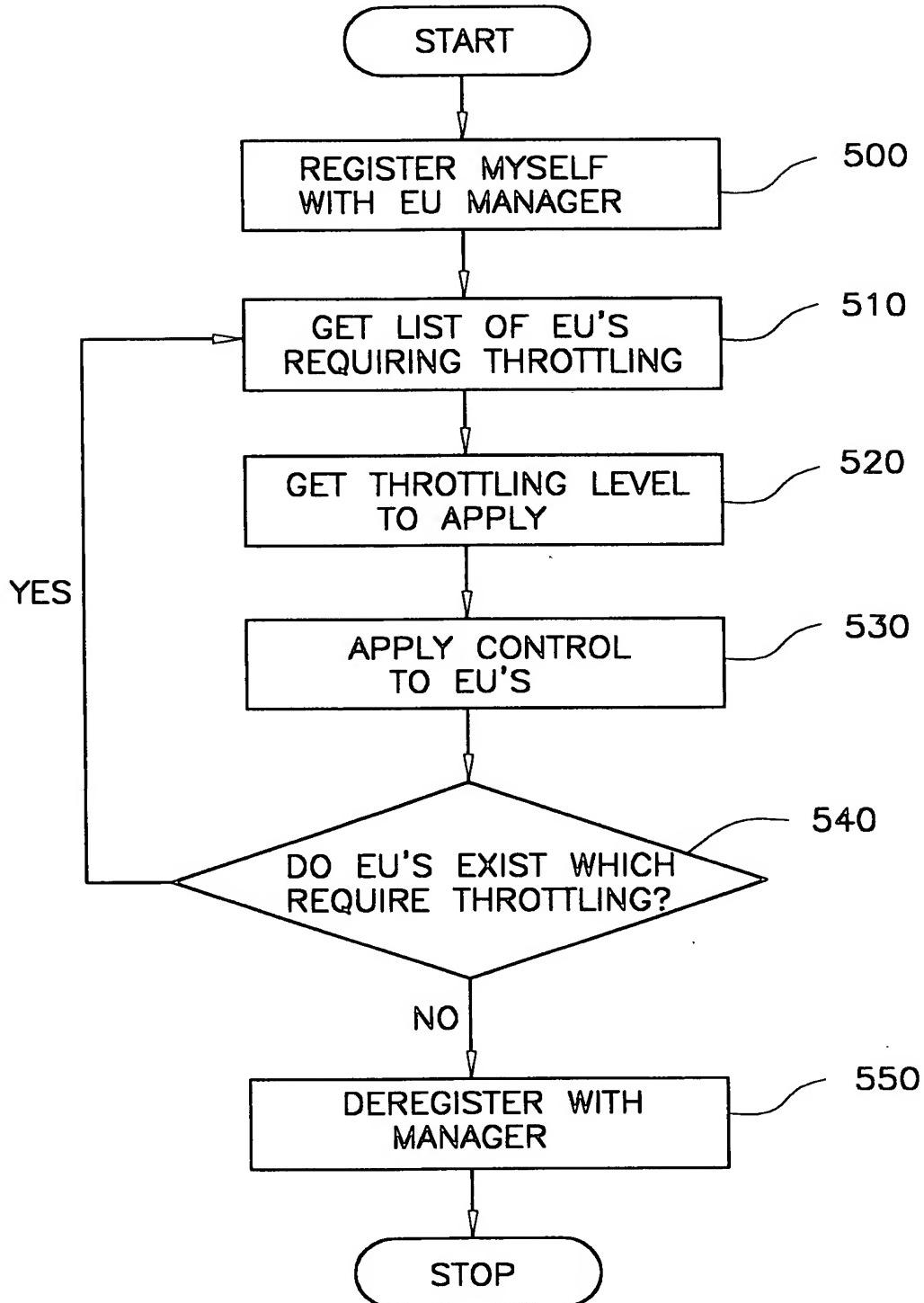


FIG. 6B

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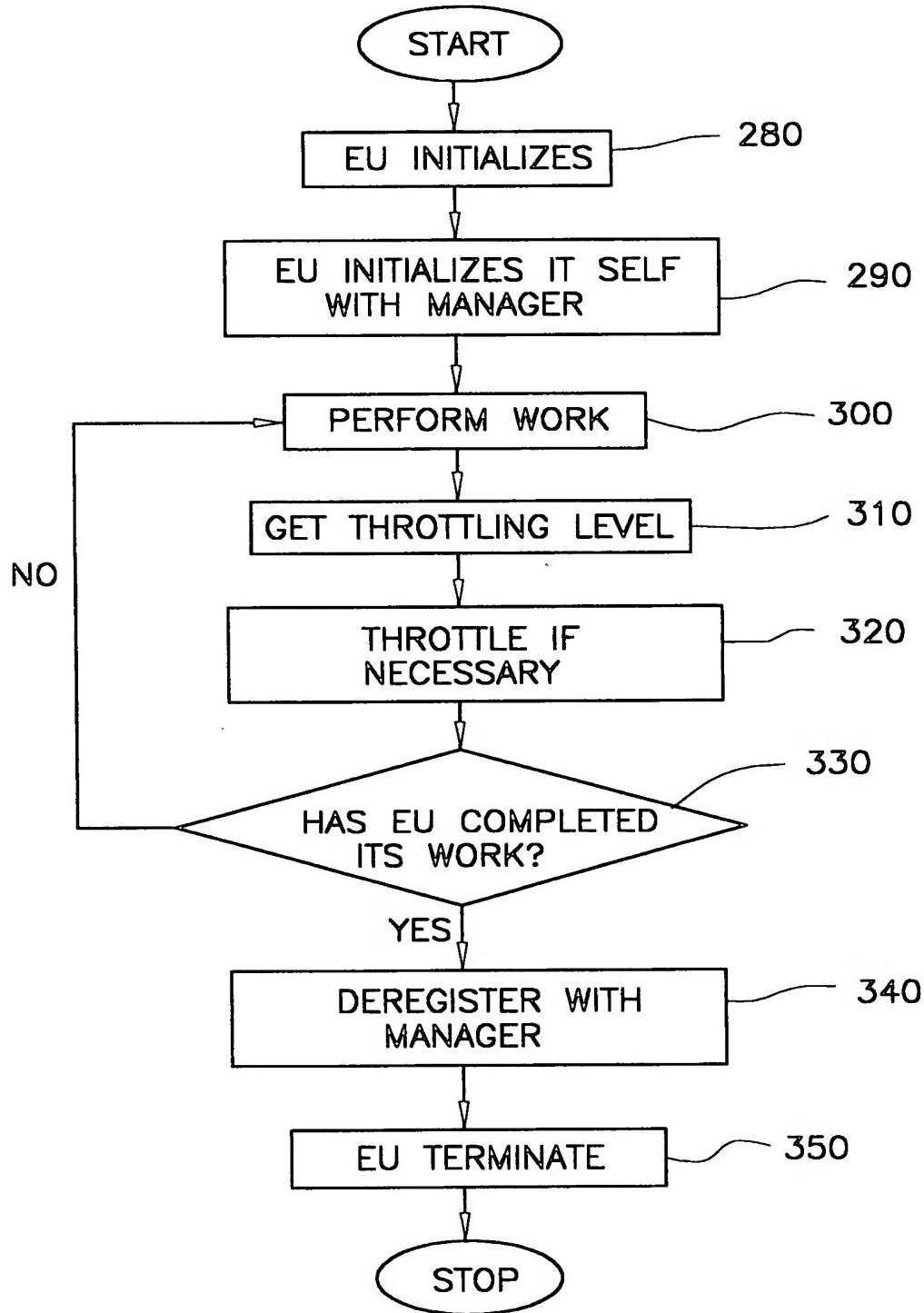


FIG. 7

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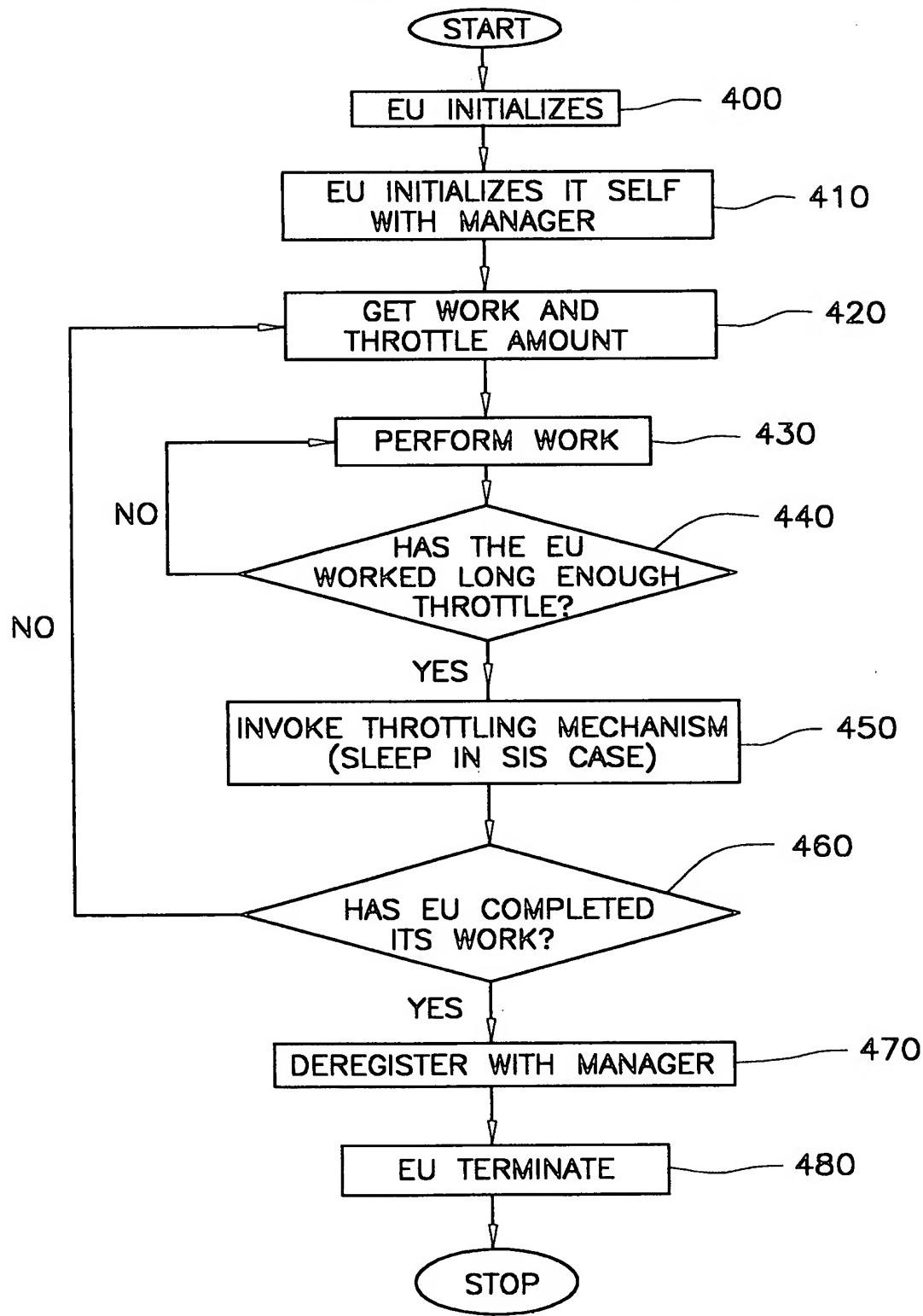


FIG. 8

(REPLACEMENT SHEET)
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```
COMPONENT ThrottleAgent
BEGIN
EUManager->RegisterThrottleAgent();
While (EUManager->IsThrottlingRequired())
BEGIN
EUList=EUManager->GetListOfEUs(self);
ThrottlingLevels=EUManager->GetThrottlingLevel(EUList);
...apply ThrottlingLevel to EUs In EUList....
END
EUManager->DeregisterThrottleAgent() ;
END
```

FIG. 9

(REPLACEMENT SHEET)

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COMPONENT EU

BEGIN

...Initialization...

EUManager->RegisterEU(...args...);

While(NOT Done)

BEGIN

...Do some work...

ThrottlingLevel=EUManager->GetThrottlingLevel(self);

Throttle(ThrottlingLevel);

END

...Termination...

EUManager->DeRegisterEU();

END

FIG. 10

(REPLACEMENT SHEET)

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```
FUNCTION Utility()
BEGIN
    WHILE (NOT done)
        BEGIN
            ...do some work...
            Throttle If Needed()
        END
    END
```

(a) Inserting SIS point

```
FUNCTION Throttle If Needed()
BEGIN
    (workTime, sleepTime) = GetThrottlingLevel() ;
    timeWorked = Now() - workStart ;
    IF (timeWorked > workTime)
        SLEEP ( sleepTime ) ;
        workStart = Now() ;
    ENDIF
END
```

(b) SIS implementation

FIG. 11

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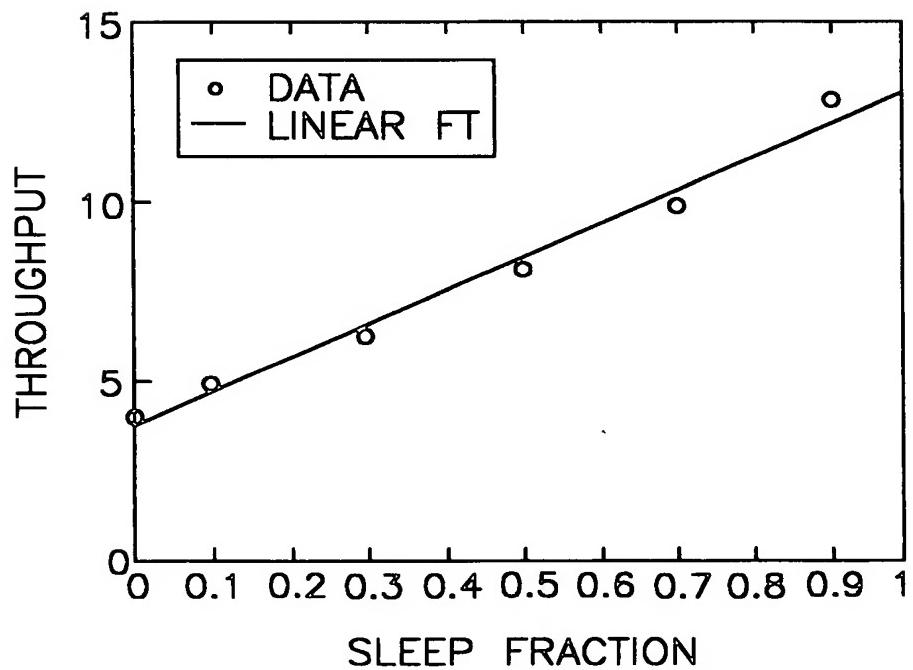


FIG. 12

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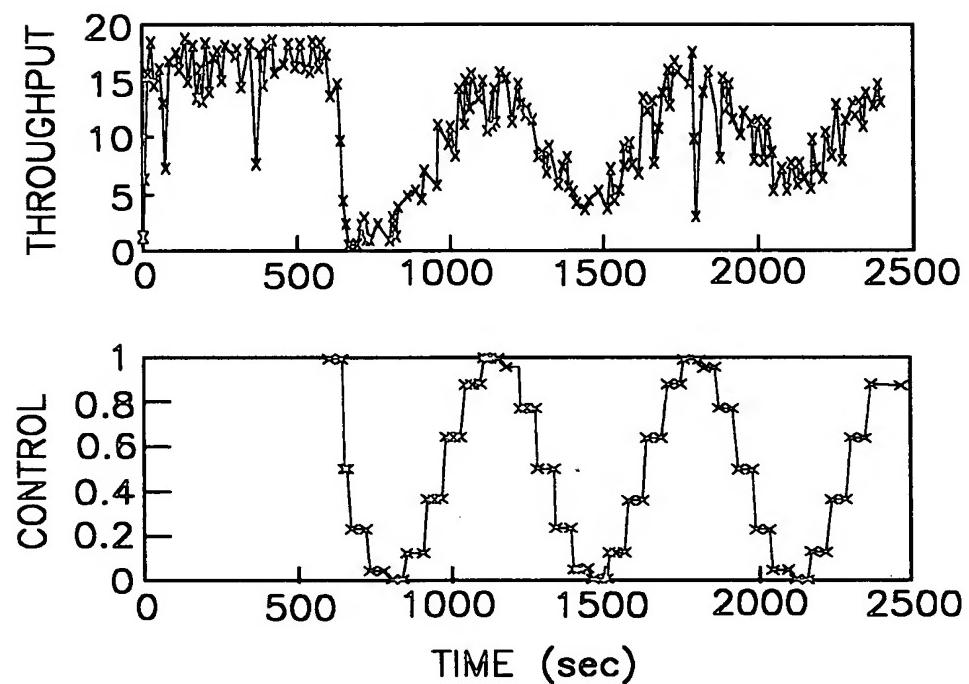


FIG. 13